

M E M O R A N D U M**MONTGOMERY WATSON**

To:	Sheri Bianchin	Date:	March 24, 1997
From:	Ron J. Schlicher	Reference:	4077.0100
Subject:	ACS Effluent Sampling Procedures		

As requested, the attached sheet includes a description of the effluent sampling procedures that will be used at the ACS treatment system. The information will also be incorporated into the PGCS PSVP QAPP.

US EPA RECORDS CENTER REGION 5



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EFFLUENT SAMPLE COLLECTION PROCEDURES

Samples of effluent from the groundwater treatment system will be collected from the sample tap on the effluent pipeline. The tap is located in the section of pipe running from the carbon contactors to the point where the effluent pipe penetrates the floor slab. Prior to collecting the samples, the sample tap will be fully opened and allowed to flush into a bucket or similar receptacle for approximately 15 seconds to assure that representative water is obtained. The tap will then be partially closed to reduce the flow to a steady stream with as little aeration as possible. The samples will be collected in the appropriate containers for each analysis as called out in Table 4-1. Samples for VOC analysis will be collected and capped so that no air space is left in the vial. The samples will then be labeled, packed in ice, and shipped with appropriate chain-of-custody protocols in accordance with Section 5.2 of this QAPP. Flush water collected in the bucket will be disposed of in one of the sumps which discharge into the influent equalization tank.